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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/690,722	10/22/2003	Wee Lian Tan	70019929-2	7678

7590 06/01/2004

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EXAMINER

JOERGER, KAITLIN S

ART UNIT	PAPER NUMBER
3653	

DATE MAILED: 06/01/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/690,722

Applicant(s)

TAN ET AL.

Examiner

Kaitlin S Joerger

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 22 October 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☒ Claim(s) 6 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Specification

The disclosure is objected to because of the following informalities: The examiner noticed a typographical error on page 5, line 13. In line thirteen the applicant mentions the straight portion of the paper length guide, but refers to it with reference number 601. This number is inconsistent with the number previously used when referring to the straight portion. The reference numbers should remain consistent throughout the application.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-5 are rejected under 35 U.S.C. 102(b) as being anticipated by Haneda.

Haneda teaches a tray, 16, for holding a stack of media sheets for feeding into a printing mechanism, the tray comprising: a first media guide, 162, movable relative to a first wall in a first direction to vary a first spacing in between for accommodating different media sizes in the first direction; a second media guide, 166A and 166B, manually adjustable relative to a second wall of the tray in a second direction which is perpendicular to the first direction to vary a second spacing in between for accommodating different media sizes in the second direction; and a means for synchronizing movements of the first guide with movements of the second guide so

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that adjustment of the first guide is automatically achieved through the manual adjustment of the second guide see figure 3 and 4, and column 5, line 35 through column 6, line 60.

Haneda further teaches a means for transporting movements to the first guide, 162, by moving the second guide, 166A and 166B; and means for positioning the first guide, 162, so that the position of the first guide relative to the first wall is predetermined when the second guide reaches the desired position, see column 6, lines 10+.

The synchronizing means, as taught by Haneda, includes a rotatable gear, 169A, interactable with the second guide for transforming linear movements of the second guide in the second direction into rotational movement of the gear, and wherein rotational movement of the gear are further transformed into linear movement of the first guide in the first direction, see column 5, line 35+ through column 6, line 60, and figures 3-5.

The synchronizing means of Haneda further includes a cam, 169B, coupled to the first guide, wherein the cam is driven by the gear for transforming rotational movements of the gear into the linear movements of the first guide, and wherein the cam has a predefined profile for positioning the first guide relative to the first wall, see figures 3-5 and column 6, lines 10+.

Regarding the rejection of claims 4 and 5, the examiner determined that the Merriam-Webster's Collegiate Dictionary definition of a cam is as follows: "rotating of sliding pieces in a mechanical linkages used esp. in transforming rotary motion into linear motion or vice versa." Therefore, it was determined by the examiner that the feature 169B taught by Haneda is a cam and meets the limitations of claims 4 and 5.

Allowable Subject Matter

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Claim 6 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

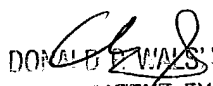
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kaitlin S Joerger whose telephone number is 703-305-8503. The examiner can normally be reached on Monday - Friday 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Donald Walsh can be reached on 703-306-4173. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-0552 for regular communications and 703-305-7687 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1113.

ksj


13 May 2004


DONALD B. WALSH
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